



US00D391700S

**United States Patent** [19]  
**Hughes**

[11] **Patent Number: Des. 391,700**  
[45] **Date of Patent: \*\*Mar. 3, 1998**

[54] **VACUUM CLEANER**

[75] **Inventor: Sean Patrick Hughes, Groningen, Netherlands**

[73] **Assignee: U.S. Philips Corporation, New York, N.Y.**

[\*\*] **Term: 14 Years**

[21] **Appl. No.: 64,117**

[22] **Filed: Dec. 23, 1996**

[30] **Foreign Application Priority Data**

Jun. 28, 1996 [WO] WIPO ..... DMA003369

[51] **LOC (6) Cl. .... 15-05**

[52] **U.S. Cl. .... D32/21**

[58] **Field of Search .... D32/21, 23, 24, D32/31-34; 15/327.1, 327.2, 327.6-347**

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 297,675 9/1988 Umehara et al. .... D32/21

D. 315,041 2/1991 Bradd ..... D32/21  
D. 325,274 4/1992 Ikeda ..... D32/21  
D. 344,164 2/1994 Kuriya ..... D32/21  
D. 373,665 9/1996 Nakamura et al. .... D32/21  
D. 377,854 2/1997 Clouet ..... D32/21

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[57] **CLAIM**

The ornamental design for a vacuum cleaner, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of a vacuum cleaner showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

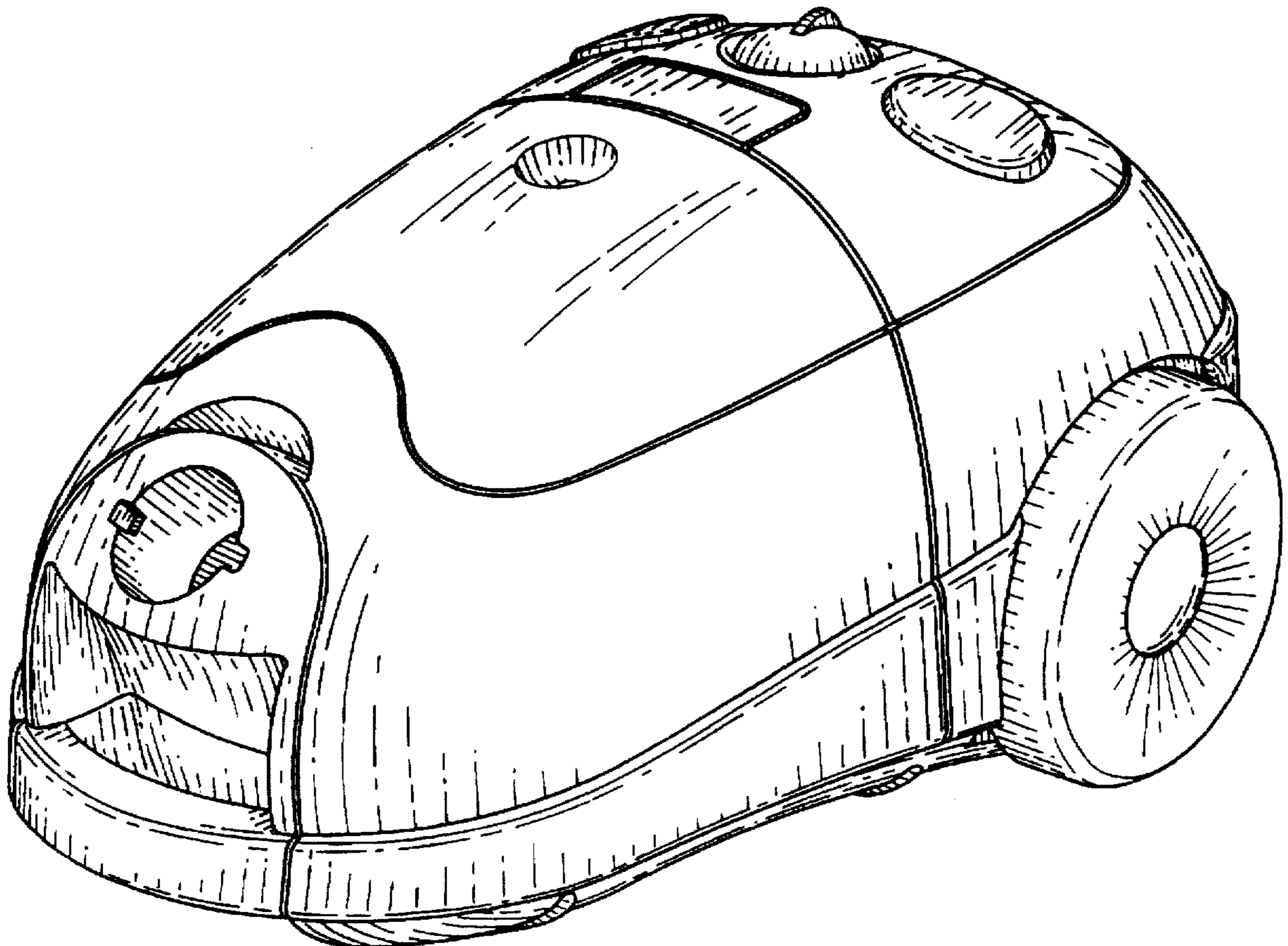
FIG. 4 is a right side elevational view thereof;

FIG. 5 is a left side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

**1 Claim, 5 Drawing Sheets**



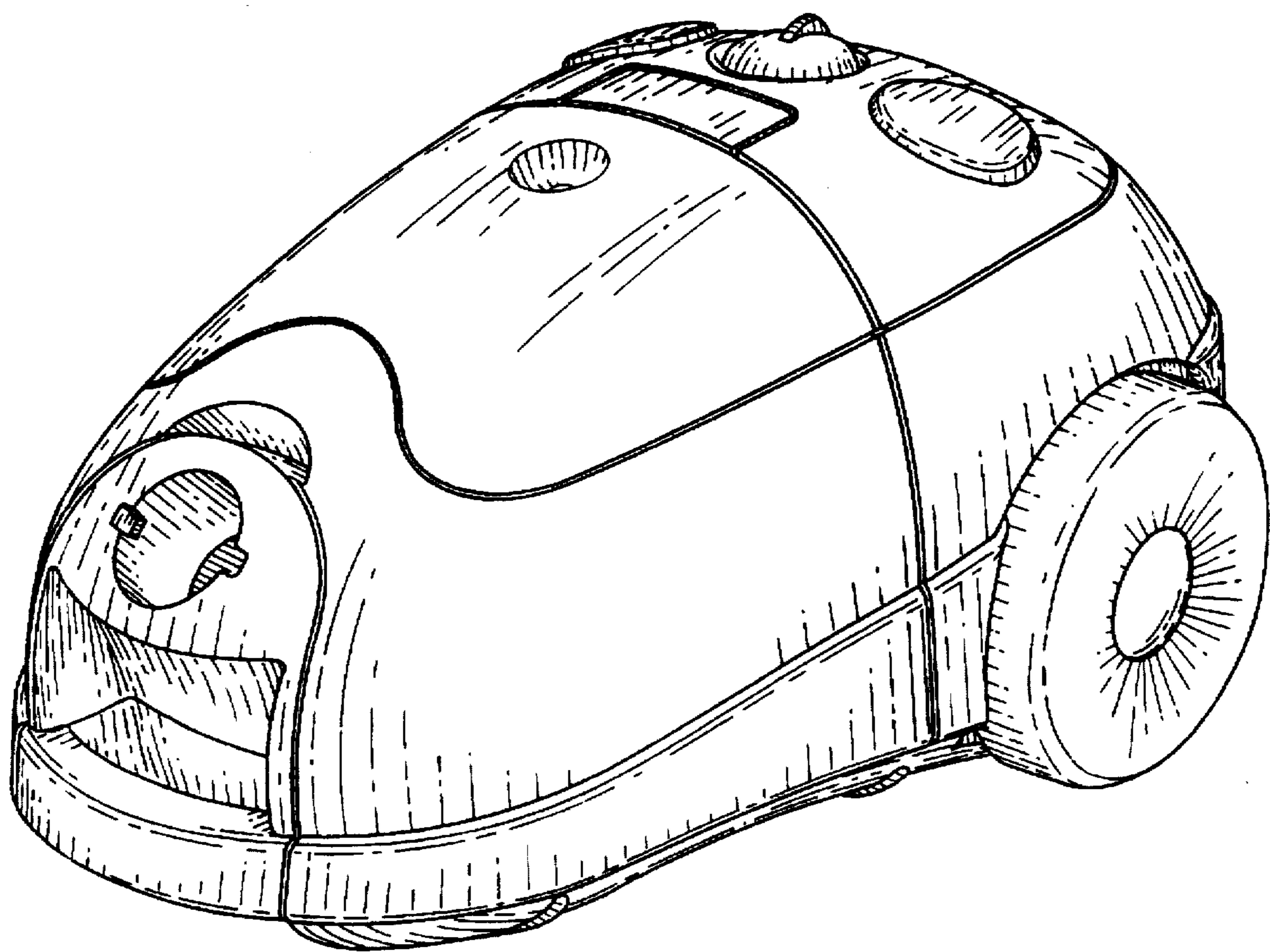


FIG. 1

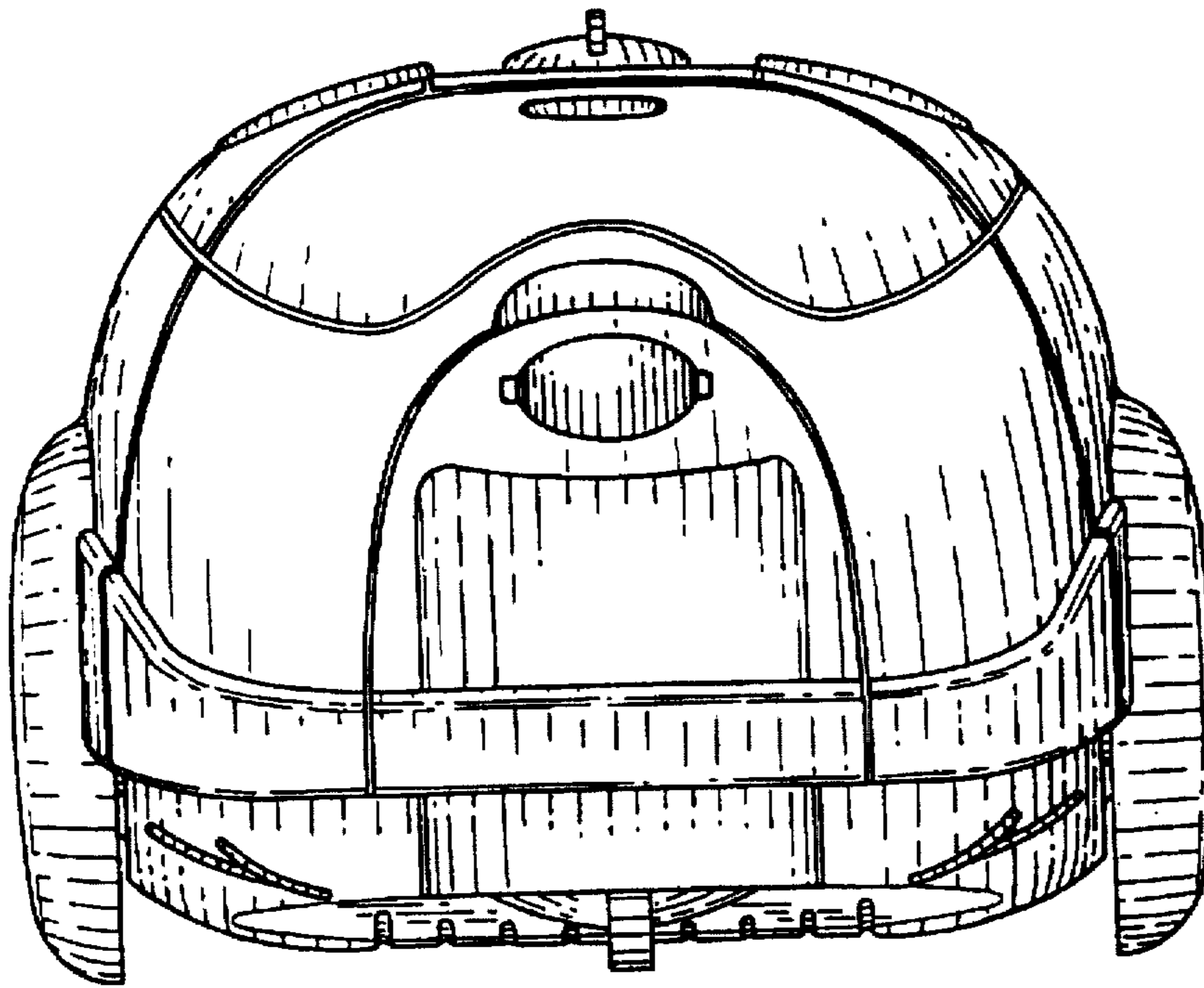


FIG. 2

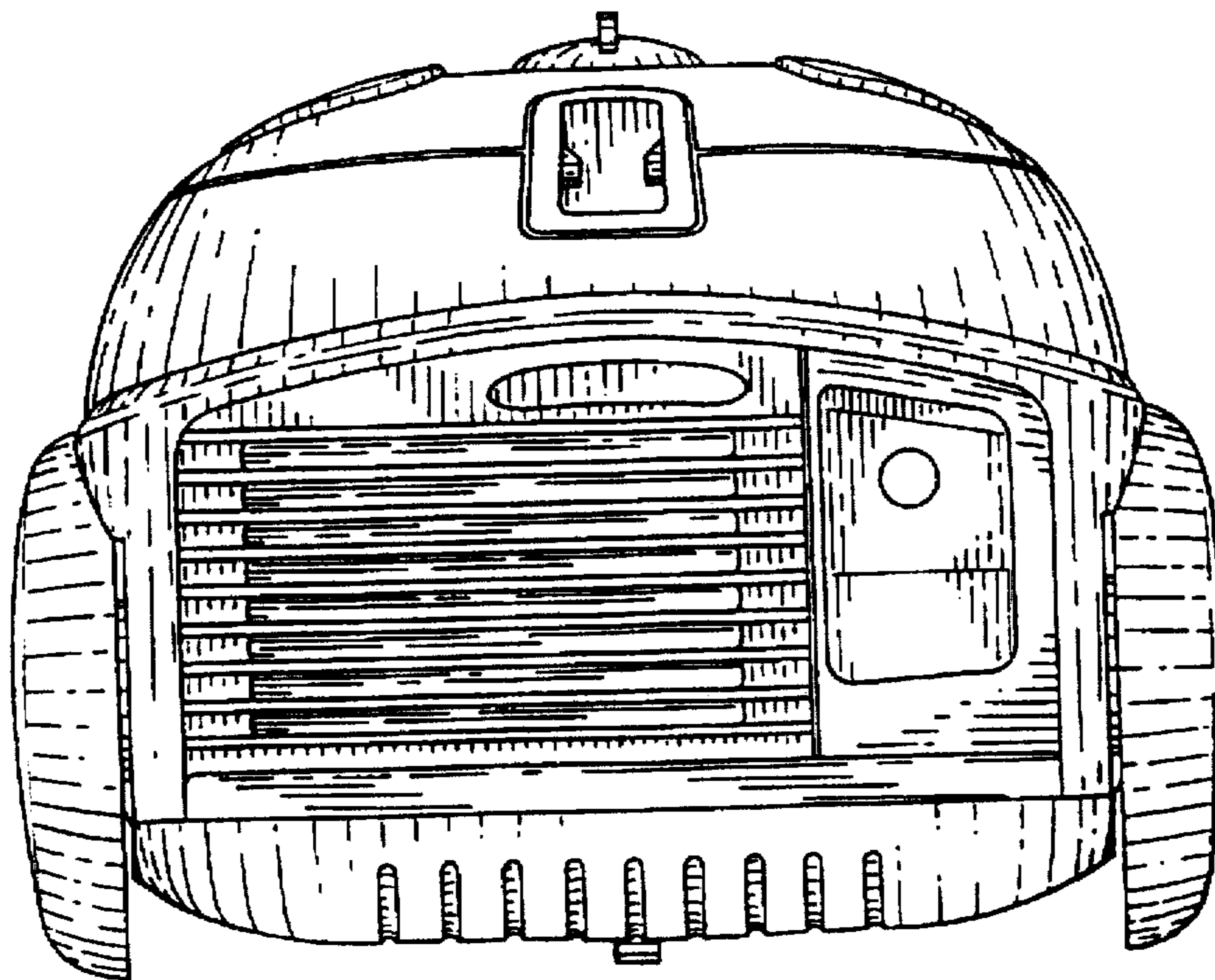


FIG. 3



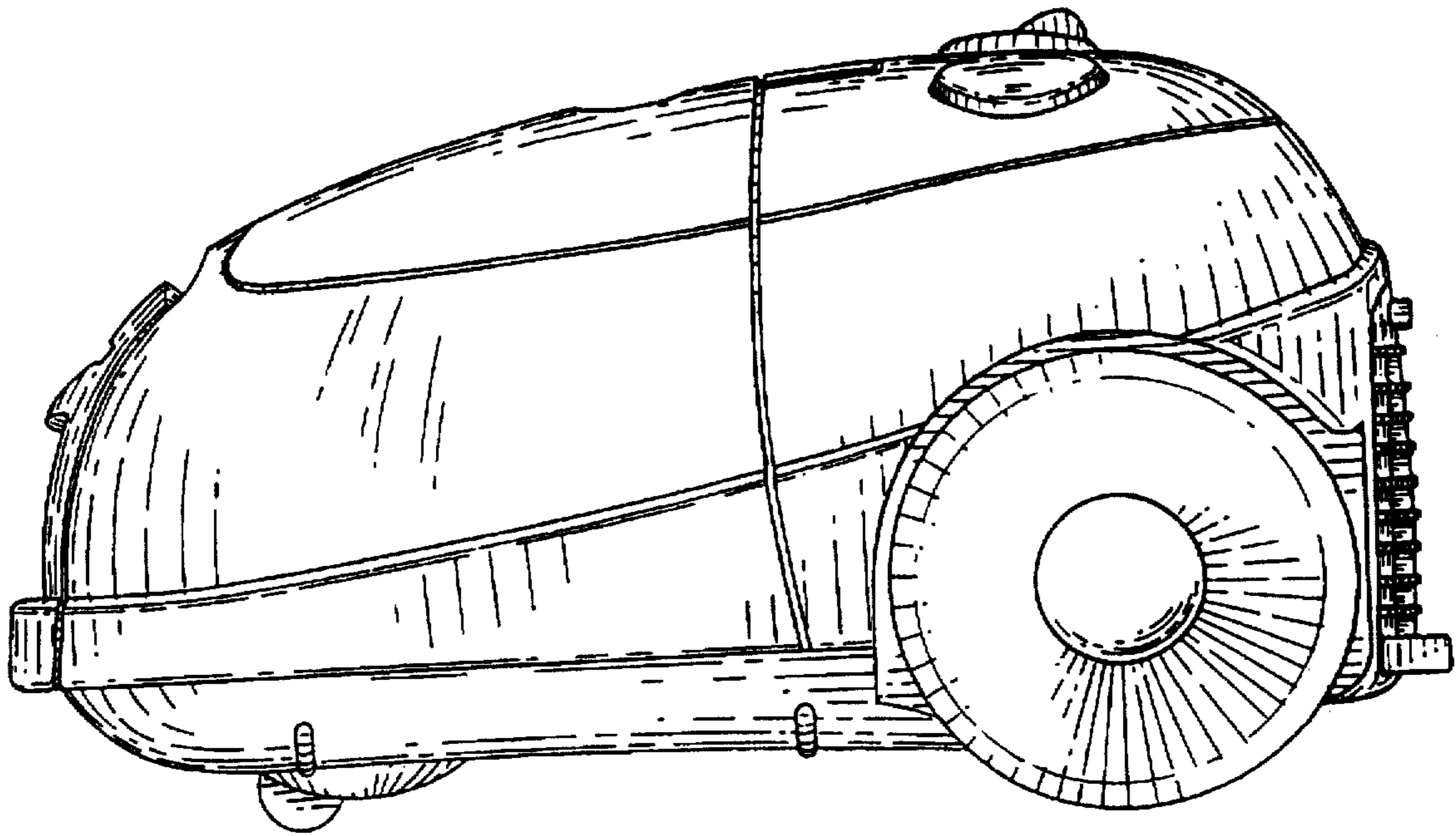


FIG. 4

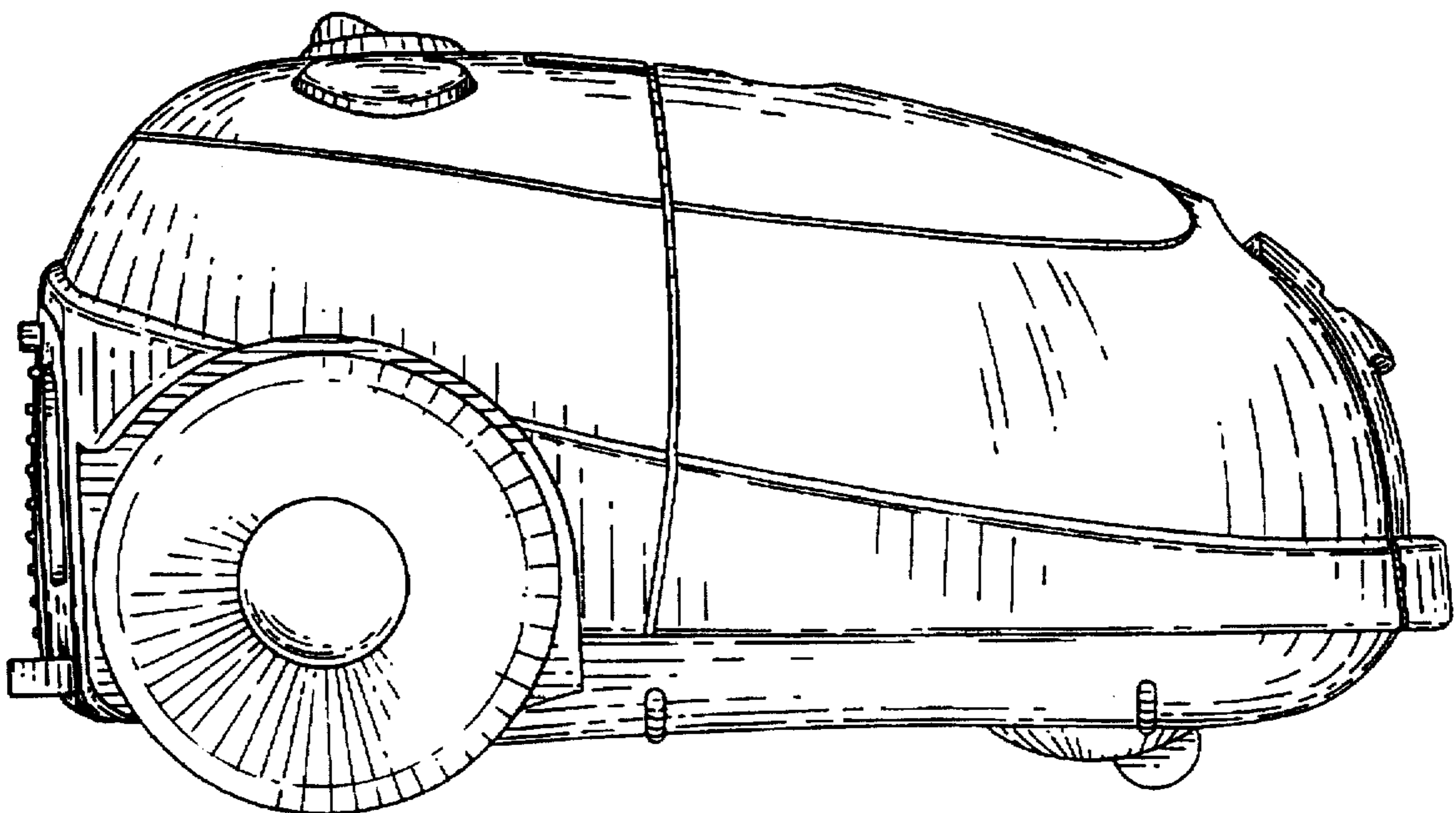


FIG. 5

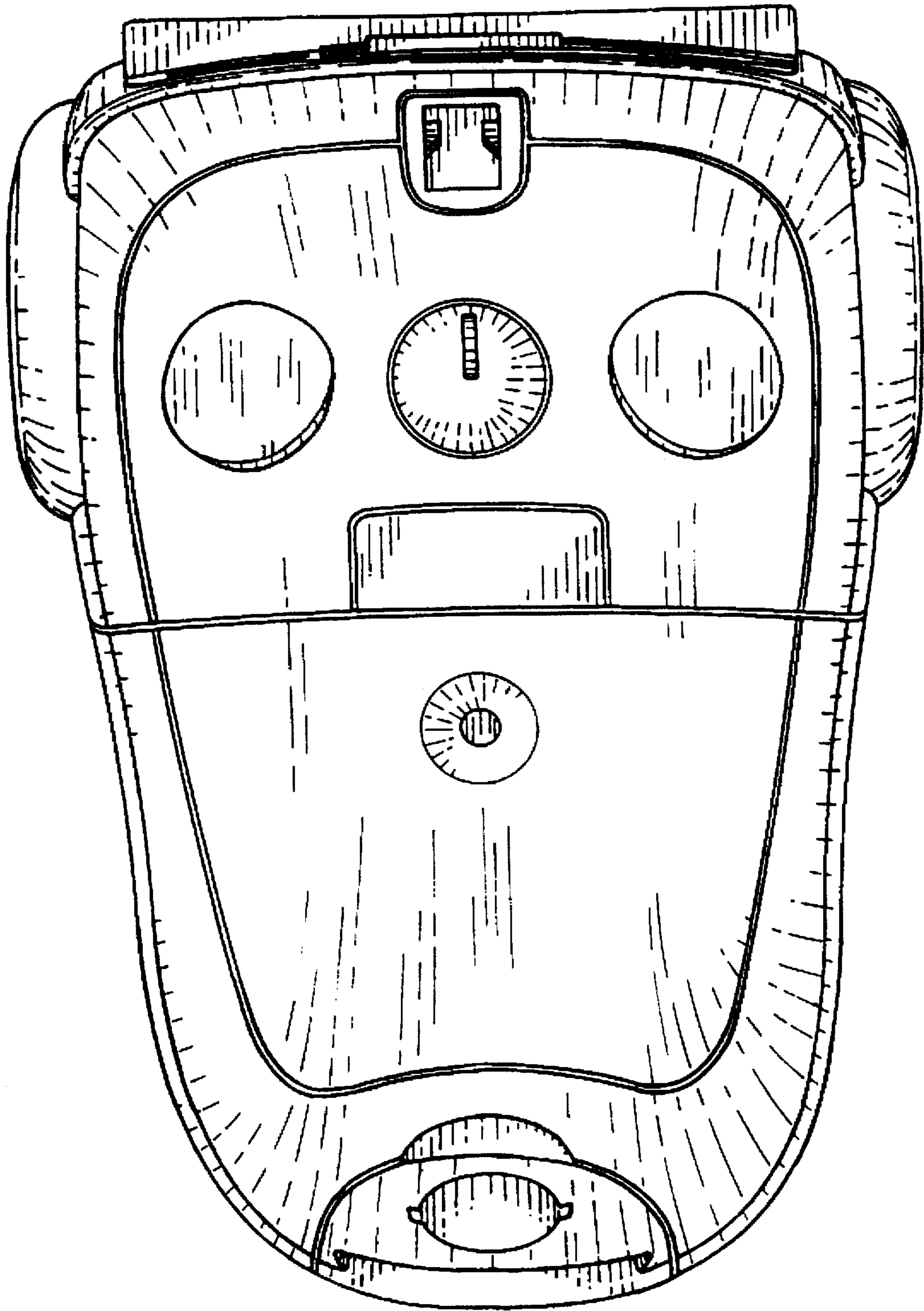


FIG.6

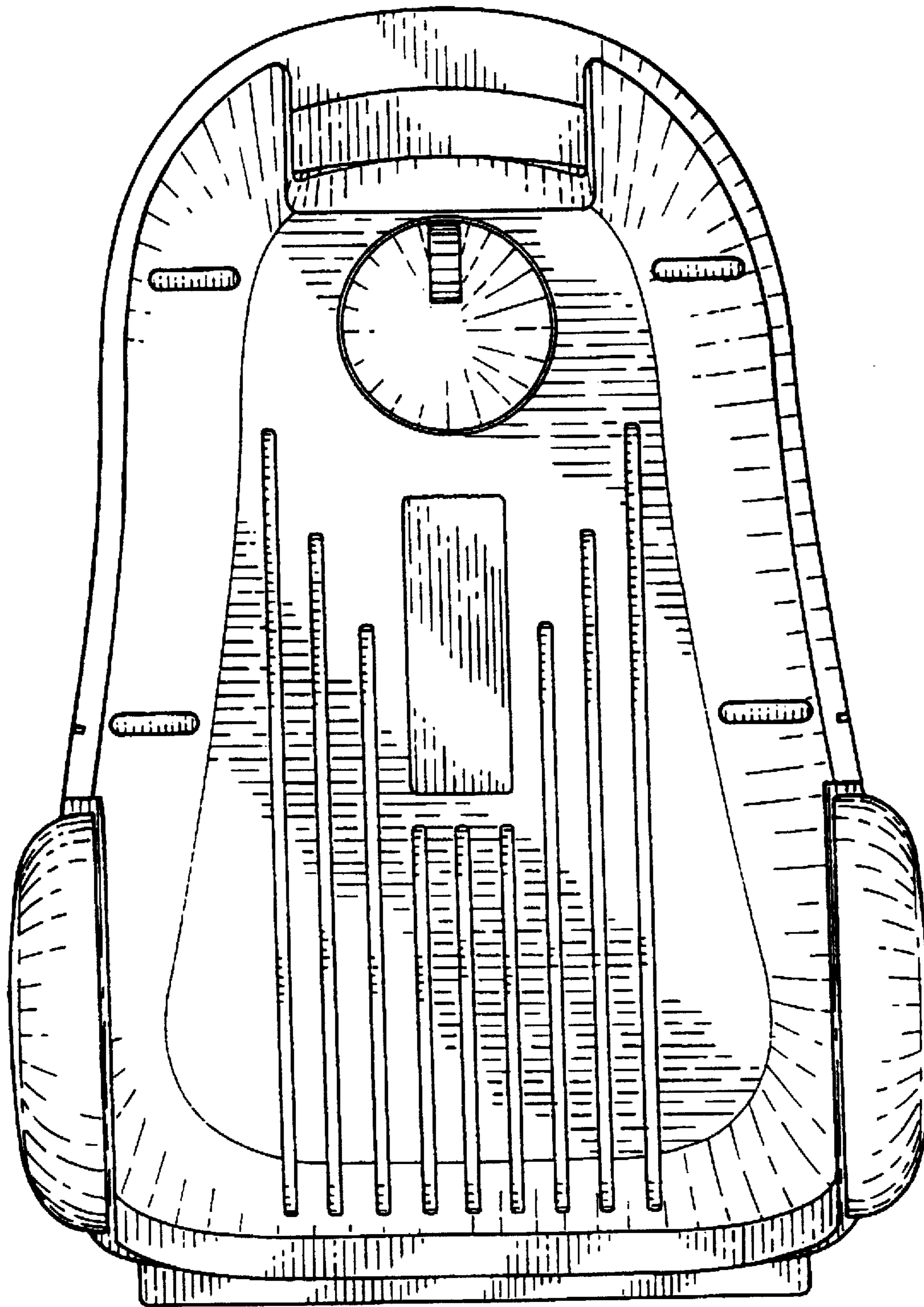


FIG. 7